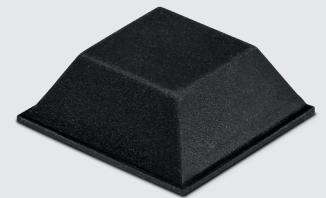
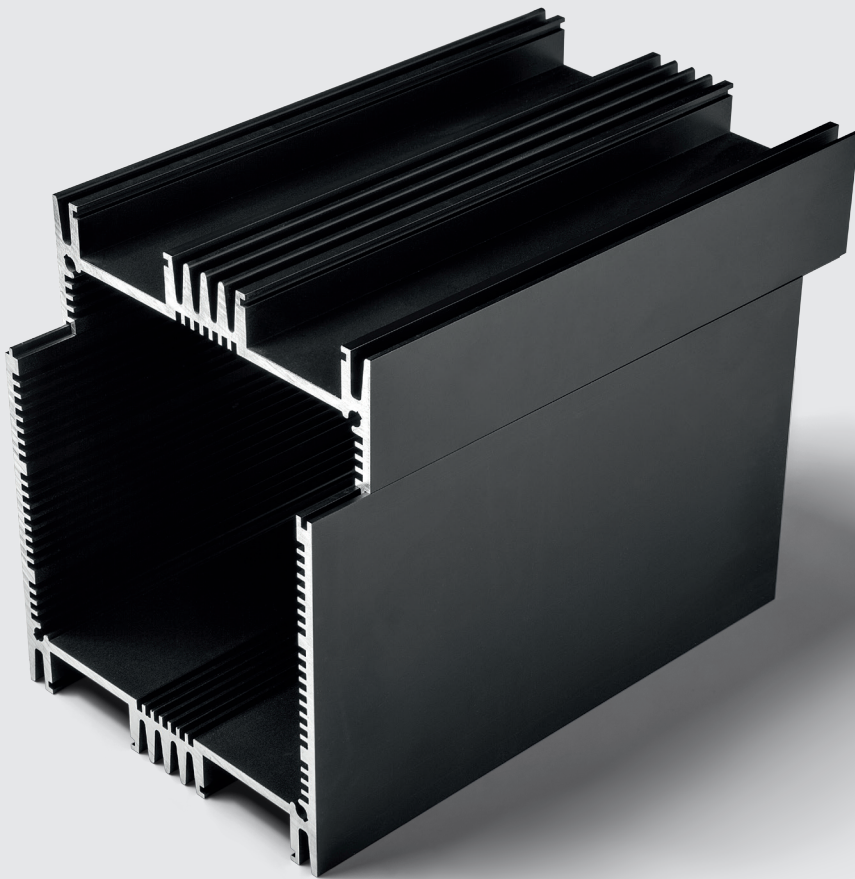


ELPAC

powered by

MEGATRON



ELECTRONICS HOUSING

Aluminium / Plastic Housing and
Accessories



MEGATRON

Our success story

MEGATRON is a specialist for mechatronic components for more than 50 years. In keeping with our motto "Precision for your Design," we offer a wide range of sensors, components, input devices and industrial joysticks.

Our products are deployed throughout a wide variety of applications across almost any area of the processing industry and we are leaders in selected market segments. The guiding principle for all our actions is to find the best possible solution regarding functionality and economic efficiency together with our customers. The development of this ideal "design-in" is deeply rooted in our company culture and can be seen in our flexibility, in our distinct know-how on the application and product level as well as in our efficient processes.

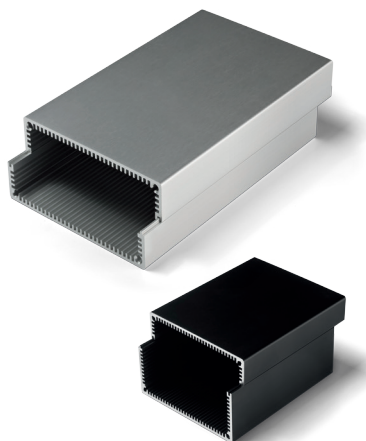
We put great emphasis on long-term cooperation and support you over the course of your application's entire life span. Our products and services are marketed worldwide by our approximately 60 Munich-based employees and partly by our distribution partners.



Aluminium Housing

EUKAP K - Aluminium housing

Aluminium enclosures for Europacards with 100 mm width in seven housing heights



The EUKAP K series of aluminium enclosures for Europacards are available in seven housing heights of 40, 60, 80, 100, 120, 140, 160 mm with a width of 100 mm. The individual profiles can be combined with each other, resulting in a large variety of variants (2 profiles with external cooling fins). The housings are available in black anodized aluminium or natural anodized aluminium. With end plates and sealing elements, the degree of protection IP65 can be realized.

- Customer specific length up to 3000 mm
- Degree of protection IP65 with appropriate seal
- 3 mm material thickness
- 100 mm internal dimension
- Numerous combinations

DIN K - DIN-Norm Aluminium housing

Aluminium electronics housing designed according to DIN IEC 61554:2002-08



The housings are available in 10 different DIN sizes and different lengths. Depending on the type, grooves with max. 2 mm thickness for horizontal and vertical PCB installation are available. The housings are supplied as a kit consisting of profile, front and rear frame including screws and mounting clamps. The surface of the housing is aluminium natural or black anodized (further optional). The plastic frames are in black. The degree of protection IP65 can be achieved by means of appropriate seals. Optionally, end and front panels are available in different materials/colours.

- Customer specific length up to 2700 mm
- Degree of protection IP65 with appropriate seal
- 10 different DIN sizes

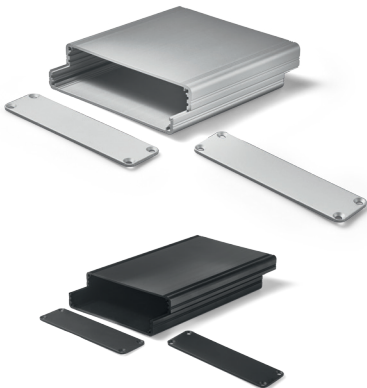


EUKAP FM - Aluminium small housing

Aluminium small enclosures in 15 variants and 3 standard lengths also suitable for D-Sub connectors

The aluminium small housings of the EUKAP FM series consist of two aluminium profiles, which are plugged and screwed together. They are available in various sizes and can accommodate printed circuit boards up to max. 1.8 mm of material thickness. The surface is anodized aluminium or black anodized aluminium. For different housings D-Sub plug with corresponding number of pins can be mounted directly without front plate.

- High quality small case
- 3 different outside heights and standard lengths
- When selecting appropriate housing D-Sub connector is mountable without front panel



EUKAP FS - Aluminium housing

Aluminium enclosure for Europacards with 100 mm width

The small aluminium enclosures of the EUKAP FS series are for Europacards with 100 mm width and max. 1.8 mm thickness. The enclosures are available in 6 different heights and in 3 different standard lengths. The housings are delivered as kit consisting of 2 profiles, 2 end plates incl. screws. The surface is anodized aluminium or black anodized aluminium.

- Solid small case
- 3 different housing heights
- Mounting straps for wall and ceiling mounting on request

Aluminium Housing

EST - Aluminium housing

Attractive small enclosure for a variety of uses

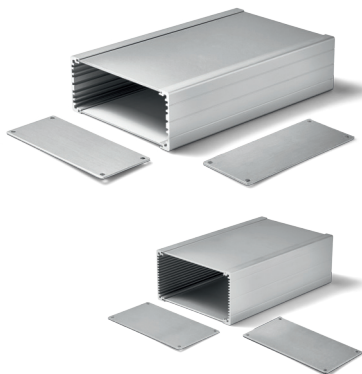


The aluminium small enclosures of the EST series are available in numerous housing heights / width as well as in different lengths. There are 2 slots on both sides for the insertion of printed circuit boards (up to 1.9 mm). These elegant housings consist of two rounded shells, which are held together by screwing the two end plates. The kit comes with aluminium natural anodized profiles (optionally black anodized), 2 end plates and 4 self-tapping screws.

- 10 different enclosure heights and widths
- 2 grooves for insertion of printed circuit boards
- End plates are aluminium natural anodized or ABS

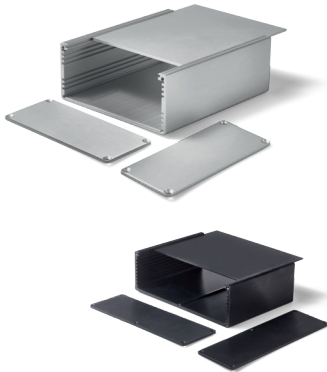
EUKAP SP - Aluminium side profile housing

Aluminium enclosure in any length and width to be designed



The SP series housings are small profile housings consisting of two side profiles and inserted metal sheets. We offer standard kits with heights of 42 mm (SP42) and 56 mm (SP56) and profile lengths of 165 mm incl. bottom plates, end plates and screws. The aluminium housings are available in natural anodized aluminium (optionally black anodized). Due to the modular structure, the housings can be individually adjusted in length and width.

- Guided grooves for installation of subassemblies and sheets in several levels
- Kit consisting of side profiles and inserted sheets

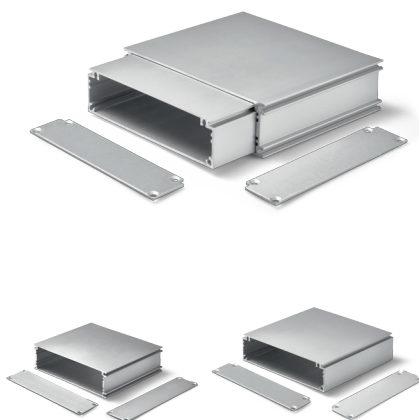


EUKAP 45/55 - Aluminium housing

Aluminium housing for Europacards in 100 or 164 mm width

The EUKAP 45/55 series consists of a sturdy aluminium profile housing with insertion cover or bottom. Series EUKAP 45 is designed for Europacards with 100 mm width and max. 1.6 mm material thickness whereas EUKAP 55 can hold Europacards with 164 mm width and max. 1.7 mm material thickness. The surface is anodized aluminium or black anodized. The kit includes the U-profile, cover (or bottom) and 2 end plates including screws.

- Easy access to assembly through retractable cover
- Guided grooves for installation of subassemblies and sheets in several levels



MINKAP K und G - Aluminium housing

Aluminium enclosure MINKAP K und MINKAP G for Europacards with VG ledge as insert in 3HE/19"

The MINKAP K aluminium housing for circuit boards (107 mm width) with VG ledge provides 4 x 2 guide slots for PCB mounting with 1.6 mm PCB thickness. The housing has an internal height of 26.2 mm and is offered in the standard length 160 mm (customer-specific lengths up to a maximum of 3000 mm). The aluminium miniature housings of MINKAP G series are designed for use of single Europacards with 100 mm width and 1.6 mm material thickness. The housing is equipped with two outer grooves for the insertion of 3U/19" card carriers. The aluminium housing has a standard length of 160 mm inside dimensions (customer-specific lengths up to a maximum of 3000 mm) and an internal height of 22.4 mm.

- Insertion in 3U/19" card carriers possible
- Easy access to assembly when combining housing and cartridge

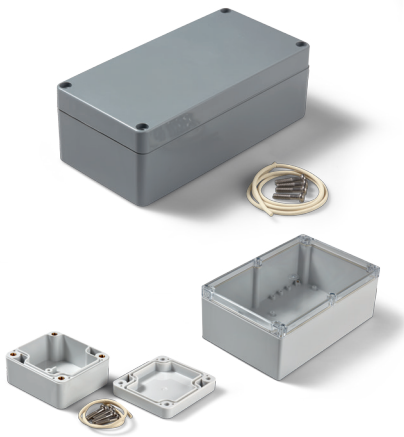
Plastic Housing

GK - Plastic housing

Hard-wearing plastic housing with protection class IP65 in various housing sizes

As terminal and electronics housings, the housings of the GK series are available in numerous housing sizes. By means of the spring groove system and the neoprene seal IP65 protection is achieved. The plastic housings are available in two material versions: temperature-resistant Polycarbonate -40..+125°C or impact-resistant ABS -30..+80°C. The plastic housings are available in the colors light grey or dark grey as well as with transparent housing cover.

- Protection class IP65
- Temperature-resistant Polycarbonate -40..+125°C or impact-resistant ABS -30..+80°C
- Also with transparent housing cover
- Various housing sizes



GKF and GKI - Plastic handheld housing

Plastic housing GKF and plastic instrument housing GKI with protection class IP54

Series GKF consists of two small plastic housings. GKF B1 is a hand-held housing with front and back plate. GKF B2 is a hand-held housing with battery compartment (without battery holder) with front panel.

The plastic enclosures of the GKI series with protection class IP54 are suitable as stationary or mobile instrument housings. They are available in 12 housing sizes and in the colours light grey with impact resistant ABS and dark grey ABS UL94-V0. The included end plates are supplied inversely to the housing colour (housing dark grey - end plates light grey / housing light grey - end plates dark grey). There are guide slots for vertical mounting of printed circuit boards and threads for horizontal mounting inside the housing. The two housing parts are connected with 4 x M3 screws (included).

- Instrument housing for mobile and stationary use
- Protection Class IP54
- Scratch-resistant surface
- Kit consisting of housing parts and 4 x M3 screws





TPC - Plastic housing

All-purpose plastic hand-held housing TPC with protective cover

The universal plastic housings of the TPC series are characterized in particular by the protective cover made of silicone in different colors. The elastic and non-slip protective cover protects the housing against vibrations and serves as an impact protection. The housings are available in 18 color combinations and 6 housing sizes. The housing material is made of ABS (UL94-HB or UL94V-0). Inside the plastic housing, mounting possibilities for circuit boards are provided.

- Robust multi-purpose housing
- 6 different housing sizes
- 18 color combinations



TKC - Plastic housing

Robust plastic hand-held housing TKC with battery compartment and protective cover

The hand-held housings of the TKC series are characterized in particular by the differently colored elastic silicone protective covers. The protective covers provide a non-slip support as well as protection against shocks. The combination of the housing sizes, housing colors, colors of the protective covers and the selection of battery compartments results in a very large variety of variants. The plastic housings are for example suitable for measuring instrument or test instrument in medical technology.



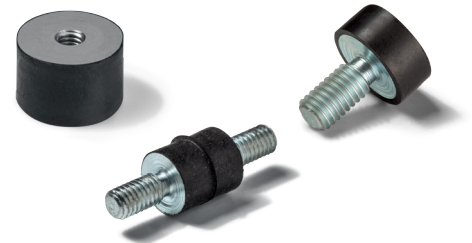
- 6 different housing
- Kit consisting of housing, silicone cover, screws and battery contacts
- Housing for 6 different battery types

Housing Accessories



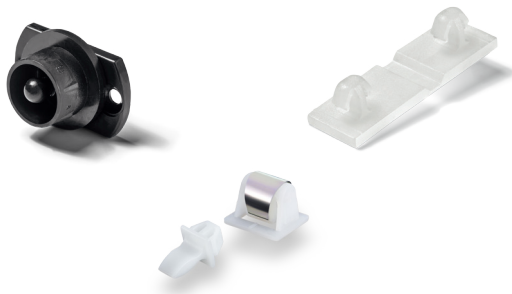
Housing Feet

Safe stand for your housing



Shock Absorbers

Minimize vibration, noise and impact



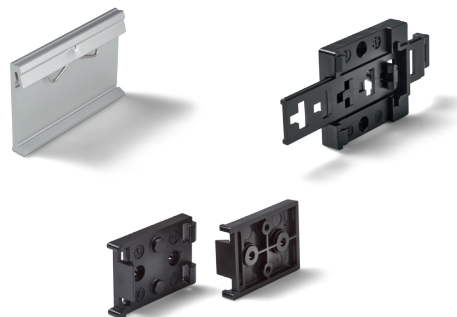
Locks and Hinges

Made of plastic



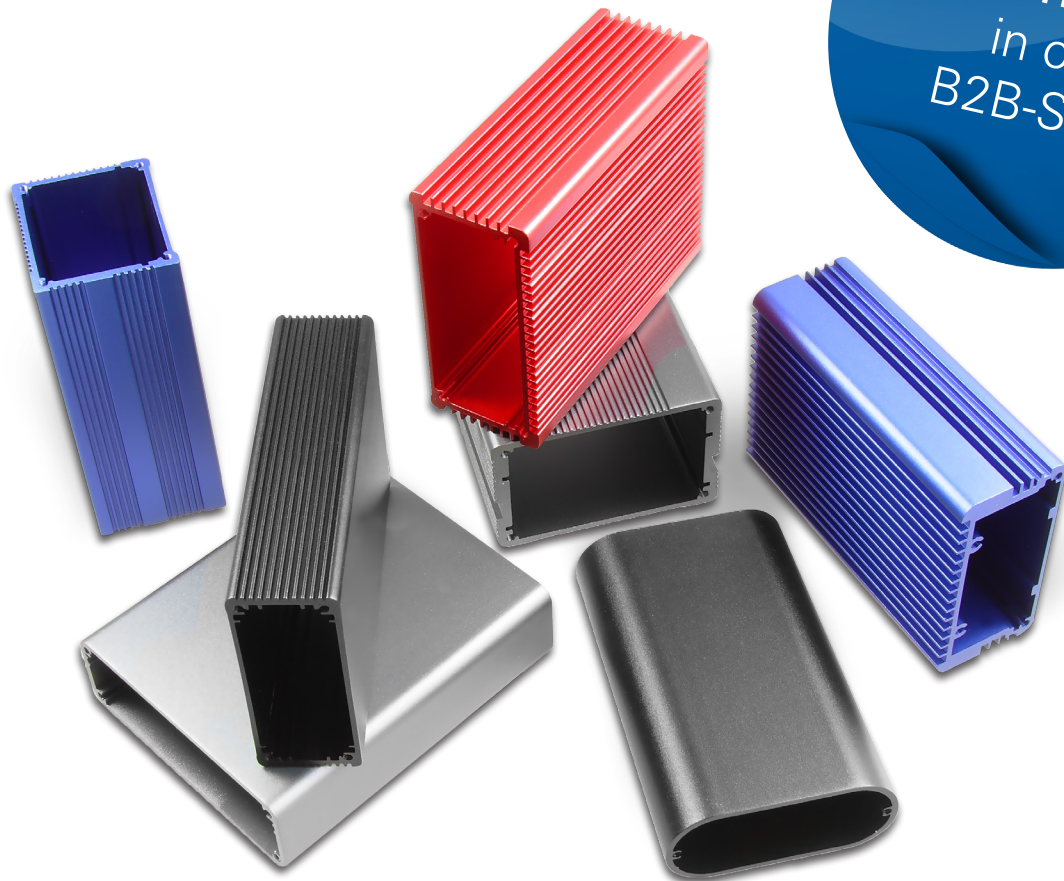
Covers and Edge Protection

Protection for your housing



Mounting Rails / Clips

Safe hold for your housing



MEGATRON

your solution – our adjustment

It is one of MEGATRON's specialities to adjust almost every product regarding to the specific needs of the customer – also for small quantities. This is possible due to our variety of options, our modular product concepts and our flexible organisation.

Therefore, you will receive a functional and economic solution within your existing and desired design. With MEGATRON, you can reduce your costs and realise short development periods. That way, we provide you with an advantage in competition.

MEGATRON Elektronik GmbH & Co. KG is a leading German supplier of precision sensors, industrial joysticks, small plastic parts and electronic housings. Founded in 1960, MEGATRON is an owner-run company based in Putzbrunn near Munich, Germany. It develops, produces and markets its own products as well as those of its longstanding international partners all over the world. MEGATRON works closely with OEM customers to develop individual and economical product solutions. A wide selection of immediately available stock items completes the portfolio.

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